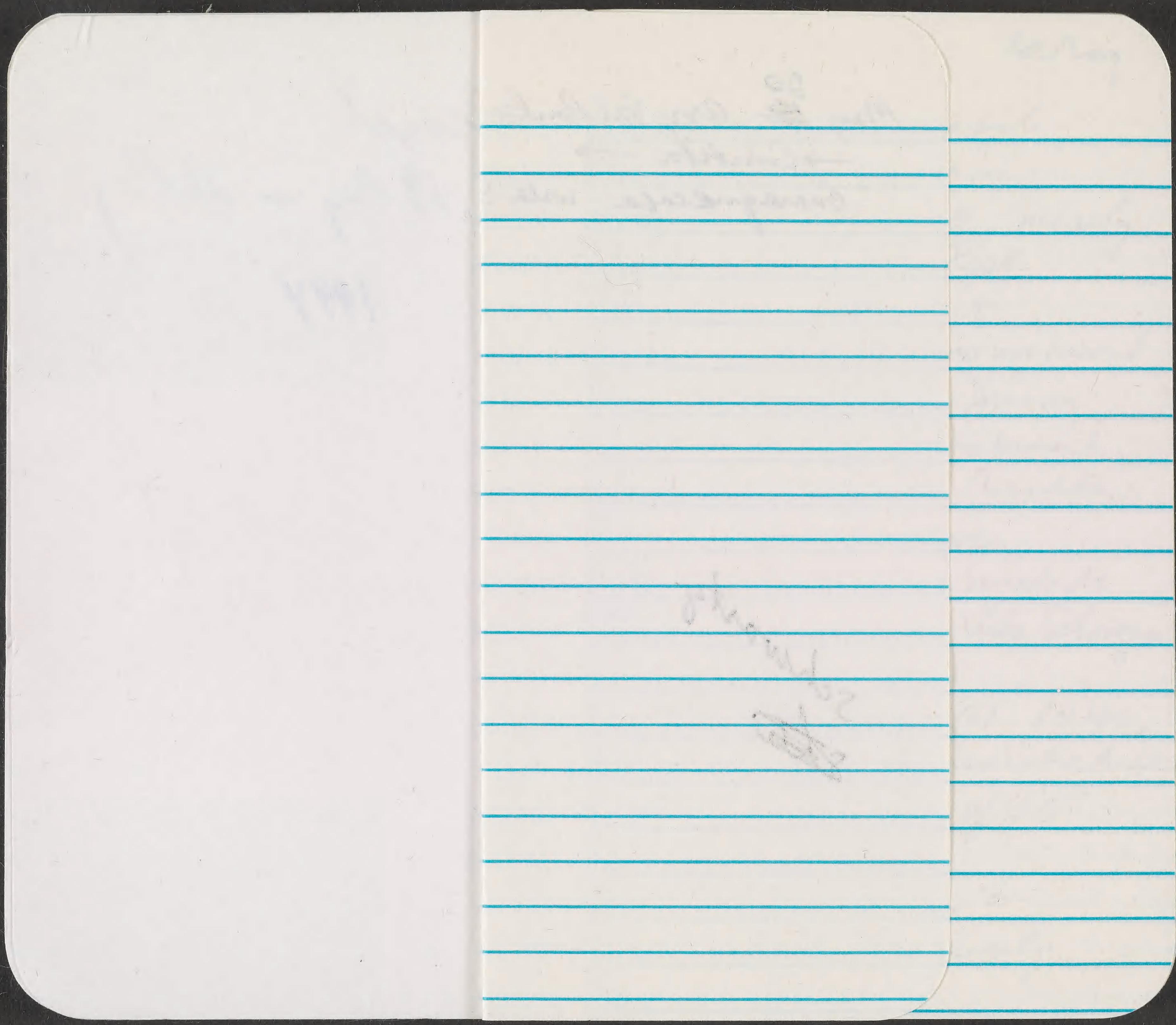


*Memoranda*

Bogotá

19 May - 29 May

1994



May <sup>20</sup>  
Arr São Paulo  
→ Curitiba →  
Onaraguncaba with SPVS

schwartz  
~~8/8/00~~

20 May

19 May Transbrasil

plane from Miami

has @ 18 people, mainly  
Brazilian. Slept.

20 Arrive São Paulo +

May got thru customs in record

time. Meeting Jeremy  
Mallinson at Transbrasil

desk + fly to Carioba.

Met by Clóves,  
Pres. of SPVS, Sociedade  
da Pesquisa em Vida Selvagem.

SPVS has existed @ 10 yr.

Has mainly administrative

staff full-time of 15  
people.

Concentrates on  
integrated community

based programs, with  
biologists; anthropologists;  
economists, sociologists.

SPVS is working with  
TNC & Fund. Boticario  
in the area of Parana  
near Onaraguaçaba,  
trying to protect  
remaining Mata Atlantica  
 thru sustainable development  
involving the local people.

We meet Bernadette  
who is in charge of the  
Onaraguaçaba program  
involving several hundred  
separate projects & several  
small towns.

Have the program explained  
by Bernadette & have

lunch with her at nice veggie restaurant.

Return to SPVS offices & organize to drive to Onar for the night.

Left Curitiba with Cloves @ 14:30 hrs for Onar. Stopped along way at tourist area with beautiful view of coastal mountain range & view to ocean. Walked along old rock path that led 1½ km to base of mtn. Forest had many bromeliads & some very old ferns. Not very tall forest, with some old tall figs, one with huge buttress

roots. This forest at edge of distribution of Arucari tree + while driving → Guaraguacaba we see the distinctive shapes of the tree standing above the canopy.

The bay near Guara is dotted with small villages — @ 9000 ppl live in the conservation area. Some of the villages are purely fishing villages, others only do agriculture.

Cloves indicates that Panama officials sell rights illegally to

people to cut palmetto & huge numbers of palmettos are being cut annually.

Curitiba is NW of Guarapuava & the total drive is 8-4½ hrs.

We stop at a crowd w/ a bus. An 18 yr old boy had been shot. We are asked & agree to take him to the hospital in Guar. We go w/ his father. He appears dead. The incident seems to be a vendetta against the dead boy by the father of another boy who died.

We drop him at the hospital & leave for

dinner!

Dinner in small  
restaurant on water  
next to Obama house

We stay at house  
owned by IBAMA

~~Jeremy~~ in room of  
Guadeloupe, the  
Director of Superagii.

I share with 2  
women doing  
inventories. There  
are 2 other down-  
like rooms with  
2-4 beds each.

and @ 5 men.

One of the men  
is Fernando?

who I later find out is Vanessa's boyfriend at Museum in Carthiba and works on contract for Botucario.

Cloves doesn't interact with Vanessa or Lucia because SPVS was not involved with getting credit for the species discovery. Thus Cloves also no longer has good relations with Fernando.

Claudio obviously is trying to get the work integrated but with difficulty since the relevant people won't speak with each other.

21

May

21 May Saturday

up at 0630 hrs.

Brkfst at local hotel  
& then off to Superagui  
from Guarequecaba.

We have borrowed the  
IBAMA boat + boatman  
Betinho.

First stop at

Ilha Rasa to meet  
with Jelis Game, a  
Spanish national married  
to a Mexican who is  
doing Environ. Educ. +  
is funded by SPVS.

He goes to small  
communities + provides  
schooling for 2-3 days/  
week. Concentrates

*Amazona brasiliensis*

Ilha Rasa

*Sittalia brasiliensis*

brown booby

(Sula)

roseate spoonbill

cormorants

large kingfisher

ringed

water buffalo breeding

~~white fronted falcon~~

yellow headed

caracara

(~~carapateiro~~)

little blue heron

cattle egret

3 sp. mangrove

tree Araucaria  
argentea

frigate birds

White-necked heron

Ancient

fern - Xatxin

in Restinga

Palmito

Village Ararapira

into Restinga forest

where L.A. Brey

saw Caissara. Took

1 1/2 hr walk.

Swampy - lowland

Sandy soil -

The teaching on ecological environmental issue.

His wife works with the women of the community, collecting plant material for medicinal purposes, trying to document uses of plants.

We walk a bit.

See large flock of cormorants + dolphins in the bay (*Sotalia brasiliensis*).

Continued to small village of Superagui on SW portion of island.

Panhero Island  
with *Amazonas*  
*brasiliensis*

Julio Hause  
Educator  
Closes wife Honka

Passing beautiful  
mangrove communities.

Many waterfowl -  
During the 2 day period  
we saw a series of  
herons / egrets that  
included large blue, small  
capped, white necked,  
striated.

At Superagui, picked  
up local IBAMA employee.  
IBAMA has Guadalupe  
as Director, Befinho in  
baat \* perhaps 1-2  
other employees living on  
Superagui.

The island not  
originally island, but

22 May 94 Sunday

Visited Gorato Fall  
in area purchased  
by TNC + Boticario  
lunch city of Morretes

blue dachis

capped heron

southern leucorrig

striated heron

Marco Soturno

of cags

Chrysomelas

Rosalia 2 cags

2 inf. Champs (from  
criador SP)

12 champs  
black-faced shrimps

cut 40 m wide  
canal near the NE  
area to ease transport  
from São Paulo state.

Superagui is border  
between S.P. +  
Paraná. Only  $\frac{2}{3}$  of island  
is protected, mainly in  
South + the villages are  
excluded from the  
conservation area. In the  
village of Superagui is  
small "hotel" + there were  
2 Oregonians staying there.

We saw quite a  
few summer homes  
built in conservation  
areas by wealthy  
urbanites.

Island @ 40 km long.

Visit to Marco  
Schwartz

Black mangabeys - ~10  
yellow fronted mangabeys 1.1

N 220 cages  
with monkeys  
in ~ 6000 700-750  
Callitrichids  
4 marmosets in huge  
cage  
for 4 years

Satara Satara  
with infant  
@ 5-6 Sakis

3 red uakari  
1 dark "

Stopped at Ararepava (?)  
for lunch. Took walk  
into forest where.  
Lon Ann Dietz saw cauca.  
Walked for @ 30 min.  
Many bromeliads on  
the ground. The soil  
is very sandy & the  
height of the trees is  
very low. Most of  
the trees are small dbh  
and thus may not  
support many tree holes.

Habitat very swampy,  
but there are small  
hills or island which

one *Cebolbus guereza*

Schwarz

Has 5 areas  
with camels &  
horses

*Callimico*  
*C. kuhlii* 2-3 cages  
*S. midas* / *S. fuscocollis*  
*Cebrella*  
*Rosalia chiriquina*  
(Total 40)  
*C. argentata leuco.*  
*C. geoffroyi*  
*S. oedipus*  
*C. jacchus*  
*C. penicillata*  
santarem marmosets  
1 cage *Saimiri*

may support larger trees  
(altho we didn't see it)

After walk in forest, we  
walked down beach &  
entered forest to see that  
considerable sections  
had been cut & locals  
were growing manioc &  
bananas.

Cloves had been of the  
opinion that the  
villagers were doing  
almost exclusively  
fishing & importing all  
vegetation. Obviously not.

Returned towards Guraguacaba  
via canal; again  
following mangroves on  
either side.

Stopped at Ilha  
Pinheiros where the  
red cheeked parrot  
*Amazonas brasiliensis*  
return for evening roosting.  
Apparently @ 800-1000  
of the remaining existing  
birds roost nightly  
on this small island.

It was an extraordinary  
sight to see these birds  
returning from Superagui  
& the mainland to  
roost.

After dark, returned to  
Guaraquecaba for dinner  
at another local rest.

Again, dinner was mainly  
shrimp + fish with  
some crab.

Before dinner met 2  
Frenchmen, Bernard +  
Jacques. Jacques is involved  
w/ implementation of the  
Rio 92 Biodiversity agreement.

Bernard is an engineer  
living in Guaraquecaba.  
helping to develop  
alternative energy  
sources.

After dinner spent brief  
time with Julio brewing  
coffee.

22 May 94

Bkfst at Quai Hotel +  
left for Morato Falls.  
Morato Falls is area  
purchased jointly by TNC  
& O Boticario (~ 300 ha).  
They hope to expand its  
size + use it for  
ecotourism. It's a  
nice walk in. The  
Morato Falls are lovely,  
@ 80 m high.

We then drive back  
to <sup>wd</sup> Curitiba on a very  
dusty dirt road.

Stop at Morretes (@ 1 h  
outside of Curitiba)

for lunch at restaurant owned by relative of Cloves. Town has some very old, lovely buildings, + narrow streets for walking.

We decide to visit ranch of Marco Schwartz after lunch. Cloves is worried because SPVS is very against Schwartz + believes firmly that he is still ~~an~~ a crooked animal dealer. ~~He is~~

Cloves indicated that

1. ~~Indicates~~ ~~that~~ ~~you~~ ~~are~~ ~~not~~ ~~able~~ ~~to~~ ~~do~~ ~~what~~ ~~you~~ ~~want~~ ~~to~~ ~~do~~

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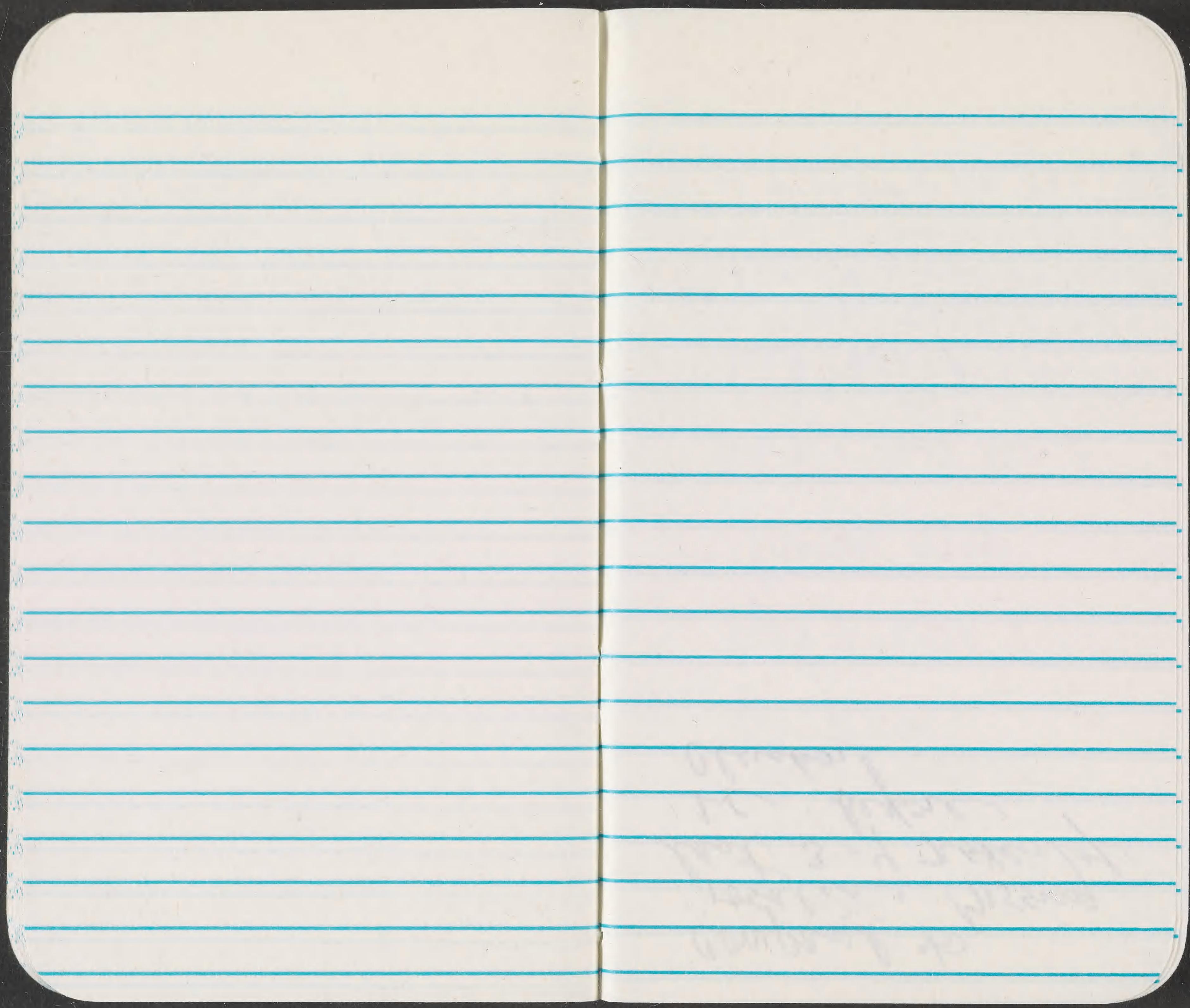
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of compound  
methyl • methyl  
acetate + 3-hydroxy  
butanoic acid  
and  
aldehyde

play  
keys not open 21

harmful noise  
and poppers

drugs not  
drugs not

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